ELITE 60™
User's Manual

Covers getting to know your machine, repairing an optical disc, maintenance, menus, displays, & warranty coverage.

venmill industries

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The maximum amount of repairs per cartridge may vary based on cleaning cycle usage. Blu-ray discs can only be maintained, not repaired, due to the nature of the disc. A disc adapter (included) will be needed for 3 inch disc repair or cleaning. See www.venmill.com for more information.

CAUTION: Units and consumables are designed for use in specific regions. Your warranty will be voided if you purchase the equipment and/or consumables outside of your designated region. Purchase only through Authorized Distributors found on our website at www.venmill.com. If uncertain, please contact sales@venmill.com

Note: Discs can be repaired an unlimited amount of times. However, never run a disc two times consecutively without letting the disc cool to room temperature after each repair cycle.

THANK YOU

For purchasing the Elite 60™

This unit is intended to clean/repair the following discs: CD-Roms, Music CDs, Data CDs, DVDs, HD-DVDs, Computer Discs, Game Discs, Books on disc, all recordable CDs and DVDs, double-sided discs, & 3 Inch Discs (only with adapter).

SAVE ALL PACKING MATERIALS. FAILURE TO USE PACKAGING DESIGNED FOR THIS UNIT MAY CAUSE DAMAGE TO THE UNIT AND WILL VOID WARRANTY. FOR MORE INFO CONTACT SUPPORT@VENMILL.COM.

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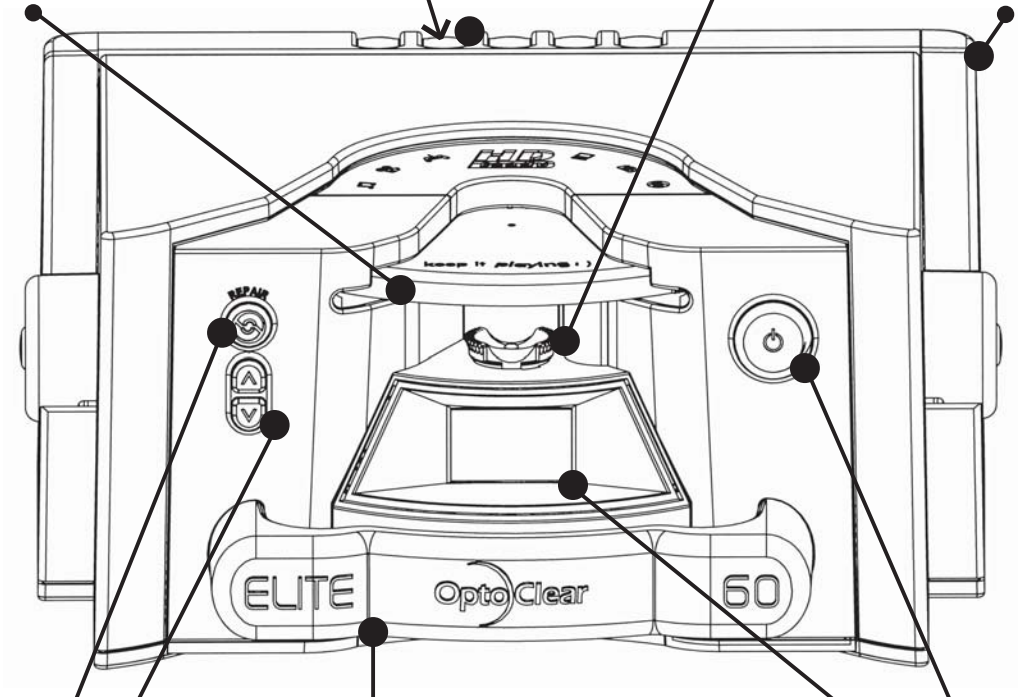

3 INCH ADAPTER HOLDER
OPTOCLEAR CARTRIDGE SPRAY NOZZLE
PROTECTIVE SHUTTER
CARRYING HANDLE
REPAIR
ELITE
OptoClear
60
DRAWER HANDLE
DISPLAY
MENU SCROLL BUTTONS
REPAIR BUTTON
Blue = Repair mode
Green = Clean mode
Red Flashing = Error
POWER BUTTON
Green = Power
Orange = Standby

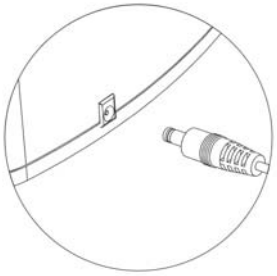
Onscreen Display

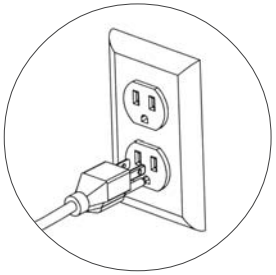
1 The top line displays the machines status (Ready or Error Code) and cycle type (Repair or Clean).

2 You can scroll through machine information by using the scroll buttons:
   a Total Repairs, Total Cleans, Percentage of Cartridge remaining, Percentage of Buffing wheel remaining, and the Menu Select.

3 The Middle line is the active line, when the word “MENU” is displayed (see section 5), pressing the repair button will select the menu screen.

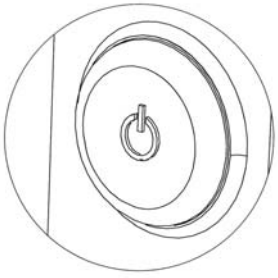
1 Plug in the Elite 60™ power cord.

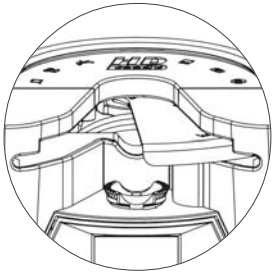




WARNING!
Plug directly into outlet.
Do not use Extension Cords.

2 Press the power button. The shutter will open completely.



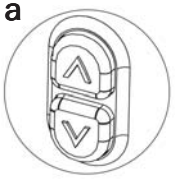


3 Select the language you want for your display. (1st time use only, if available)

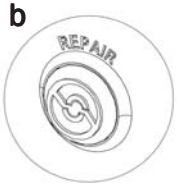
a Use the scroll button to scroll through languages.

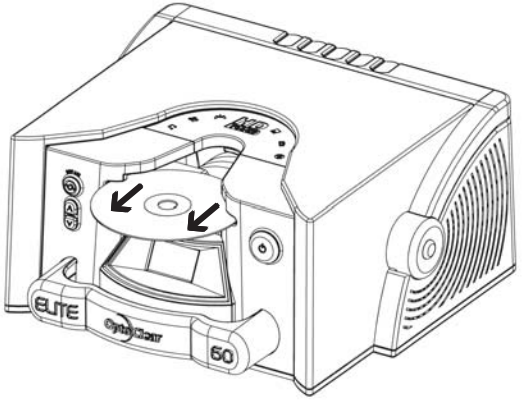
b Use the repair button to select highlighted language.

a



b

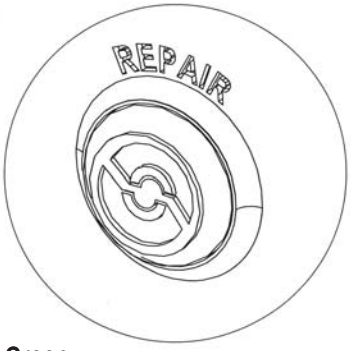




4 Remove the Disc installed during shipping. (1st time use only)

a Manually pull the disc straight out of the machine.

5 Press the Repair Button.



a When the repair button is pressed, it will illuminate blue, indicating a 90 second repair is selected.

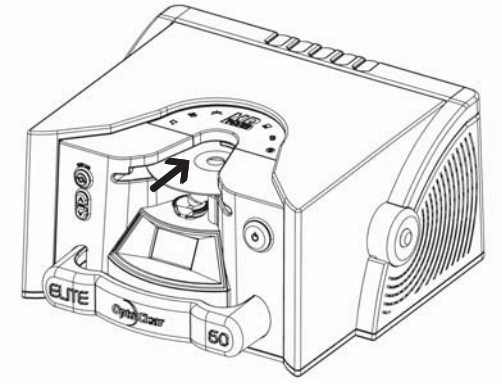
b By default, the Elite 60™ when it is first powered **ON** is in "Quick Clean Mode". Inserting a disc will result in a 15 second cleaning cycle being performed. For Repair Cycle see section 4.

Clean Mode: The repair button will be illuminated **Green**.

Repair Mode: The repair button will be illuminated **Blue**.

6 Insert the Disc.

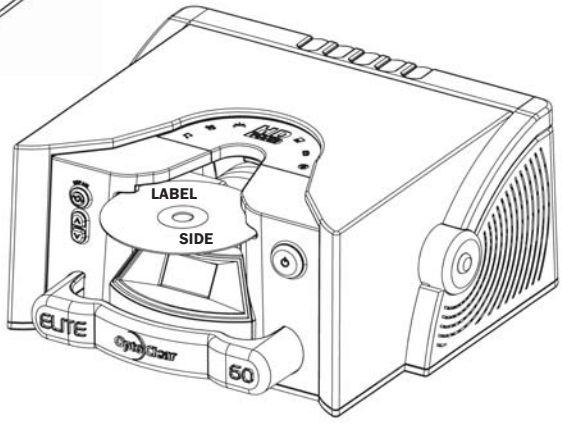
a The Disc should be inserted straight in with label side up. It should be fully inserted into the machine.
Note: 3 inch discs can only be repaired using a 3 inch adapter. (see section 4)



b **After the disc is inserted, make sure that your hands do not obstruct the shutter from closing.**

c Pressing the power button at any time will end the cycle.

Note: Discs can be repaired an unlimited amount of times. However, never run a disc two times consecutively without letting the disc cool to room temperature after each repair cycle.



7 Remove the cleaned Disc.

a *Handle the disc only by the edges or center ring.*

Operation Modes

If 15 repair cycles are performed within a 30 minute period the machine could commence a 10 minute cool down. This will be indicated by a countdown timer on the display. **Please do not unplug the power cord during this cool-down period.**

Note: Discs can be repaired an unlimited amount of times. However you should never run a disc two times consecutively without letting the disc cool to room temperature after each repair cycle.

Quick Clean Mode

By default, the Elite 60™ when it is first powered on is in "Quick Clean Mode". Inserting a disc will result in a 15 second cleaning cycle being performed. (Repair button will be illuminated green)

Repair Mode

There are two ways to enter "Repair Mode".

1. Before inserting a Disc press the repair button. When the repair button illuminates blue the Elite 60™ will be in "Repair Mode".

   a Inserting a disc will result in a 90 second repair.
   b During the repair cycle, pressing the up scroll button will increase the repair time. Press once for 180 seconds and twice for 270 seconds. Pressing the down scroll button will reduce the repair time. **Pressing the repair button will end the cycle.**
   c As long as the repair button is illuminated, the last selected cycle is in memory.

2. Insert a Disc into the Elite 60™.

   a Machine will start a cleaning cycle.
   b Press the repair button during the cleaning cycle to switch to a repair cycle.

NOTE: Once you have chosen a repair cycle the unit will remain in that cycle until you choose differently.

Standby Mode (hibernation)

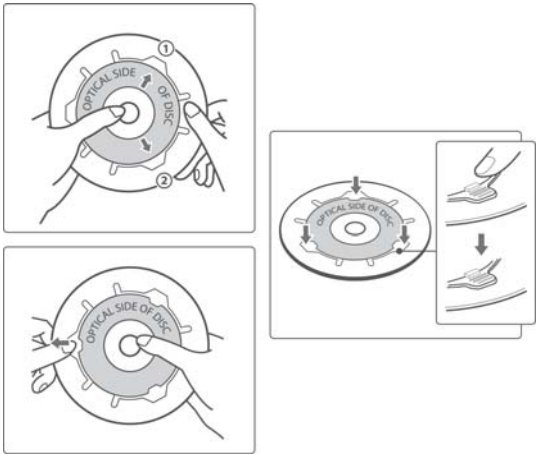
When the machine is in Standby (hibernation) mode you can insert a disc at anytime into the machine. There is no need to press the power button, the machine will automatically start up with the last selected mode choice.

Using your 3 Inch Adapter

Match the label side of your 3 inch disc with the open side of your 3 inch adapter. Slide the disc into the 3 inner grooves making sure that the disc is firmly clipped in place. The optical side should be facing you.

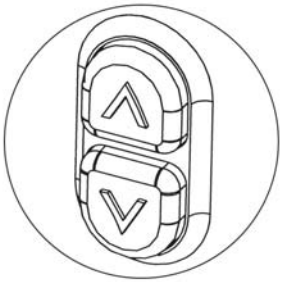
Now insert your disc with adapter into your unit, disc optical side down. **After disc is inserted make sure that your hands do not obstruct the shutter from closing.**

Shutter will open when cycle has finished and your 3 inch disc with adapter will need to be removed. *Handle the disc only by the edges or center ring of disc.*



To Enter the Menu Screen

a Press the scroll buttons while the machine is idle.



Navigating the Menu Screen

a The scroll buttons cycle through choices.
b The repair button selects the highlighted option.

Menu Screen choices

1 **CLN WHL** – use this to perform an extended cleaning of the buffing wheel.*
2 **CLN DRV** – use this to perform an extended cleaning of the drive wheel.*
This may be necessary if the Disc is spinning roughly or improperly during a cycle.
3 **WHL RPL** – use this to indicate that the buffing wheel has been replaced.
4 **LANGUAGE** – use this to select the display language of your choice. (if available)
5 **HOUR OP** – use this option to display the total hours of cycle operation.
6 **CHK SYS** – use this option to test the functions of your Elite 60™. This may be used to determine where a failure has occurred.
7 **SHIP** – moves all mechanisms in position, including closing the shutter, in preparation for shipping or transportation.
8 **REPAIR C** – Used when upgrading your firmware.
9 **Exit** – use this option to exit the menu screen.

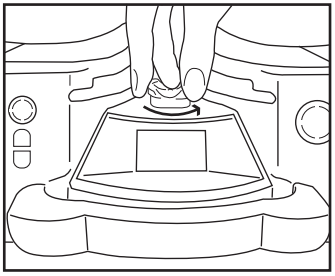
* This process will take less than 2 minutes.

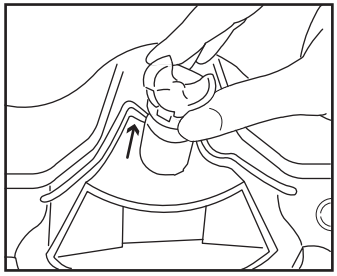
Replacing the OptoClear™ Cartridge

CAUTION: never point empty or replacement cartridge nozzle at your face.

1 Turn off the power by pressing the power button and waiting for the shutter to completely open.

2 Unscrew the spray nozzle counterclockwise and lift out the empty cartridge.



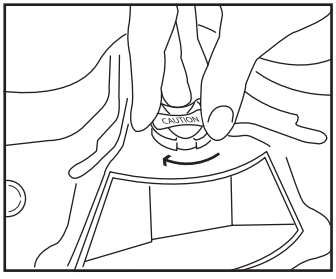


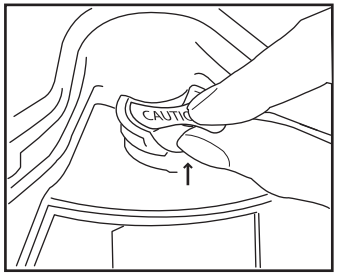
3 **NOTE**: Do not remove or tamper with safety caution label or chip on cartridge. Insert the new replacement cartridge into the Elite 60™.

4 Tighten the spray nozzle by turning clockwise.

5 Remove safety caution label on new replacement cartridge.

6 Turn on the power.





The maximum amount of repairs per cartridge may vary based on cleaning cycle usage. Blu-ray discs can only be maintained, not repaired, due to the nature of the disc. A disc adapter is required for 3 inch disc repair or cleaning. See www.venmill.com for more information.

CAUTION: MAY BE HARMFUL IF SWALLOWED. EYE IRRITANT. CONTAINS: Isopropanol alcohol & conditioning agent (catonic) PRECAUTIONS: Avoid ingestion. Keep away from eyes. Contents under pressure. Temperature is not to exceed 120°F (49°C). Flammable. Keep away from flame. FIRST AID: If eye contact occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care. If swallowed, drink full glass of water, get prompt medical attention. **Dispose of cartridge properly.**

FAILURE TO USE CONSUMABLES DESIGNED FOR THIS UNIT WILL CAUSE DAMAGE TO BOTH UNIT AND DISC THEREBY VOIDING YOUR WARRANTY. FOR AUTHORIZED DISTRIBUTORS VISIT WWW.VENMILL.COM.

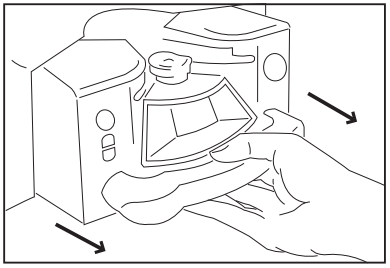
Replacing the Buffing Wheel

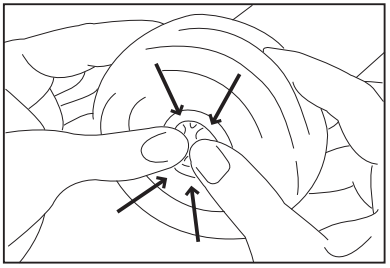
1 Turn off power and wait for the shutter to completely open.

2 Unplug the Elite 60™ power cord.

3 Remove the front drawer by pulling on the drawer handle.

4 Remove the worn buffing wheel by pulling them away from the buffing motor.



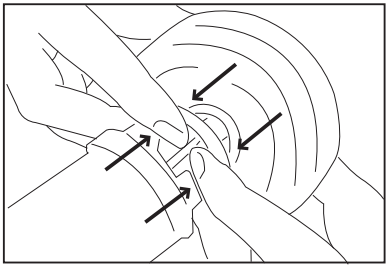


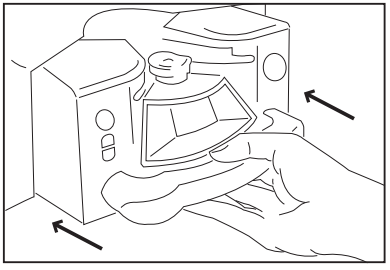
5 Install the new buffing wheel. Ensure it is fully seated against the back of the buffing motor spindle with label facing towards you.

6 It is recommended that you now clean your Elite 60™ and change your cleaning brushes. (Please see pgs 14 & 15.)

7 Install the front drawer. Note: Push front drawer completely into machine or your machine will not power on.

8 Plug in the Elite 60™ power cord and turn on the power.





9 Enter the menu screen and choose “WHL RPL”. Resume normal operation.

The maximum amount of repairs may vary based on cleaning cycle usage. Blu-ray discs can only be maintained, not repaired, due to the nature of the disc. A disc adapter is required for 3 inch disc repair or cleaning. See www.venmill.com for more information.

Cleaning the Buffing Wheel This process will take less than 2 minutes.

This may be necessary if the Discs are coming out with a film or poor finish.

1 Ensure that there is no Disc in the Unit

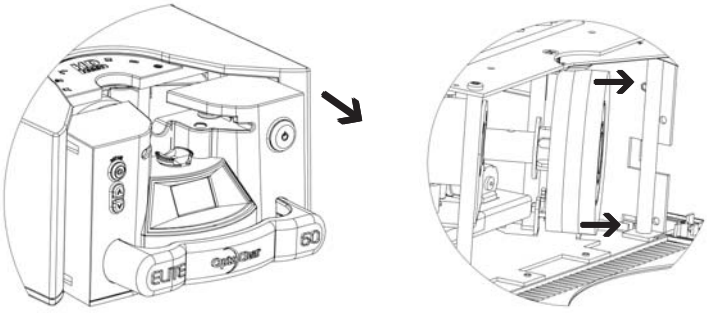
2 Enter the menu screen and select “CLN WHL”. Then push Repair Button to activate.

FAILURE TO USE CONSUMABLES DESIGNED FOR THIS UNIT WILL CAUSE DAMAGE TO BOTH UNIT AND DISC THEREBY VOIDING YOUR WARRANTY. FOR AUTHORIZED DISTRIBUTORS VISIT WWW.VENMILL.COM.

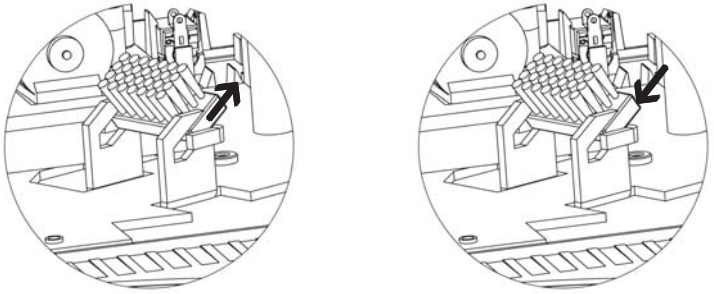
Replacing the Buffing Wheel Cleaning Brush

It is recommended that you change the brush when the buffing wheels are replaced.

1 Turn off power and wait for the shutter to completely open.
2 Unplug the Elite 60™ power cord .
3 Remove the front drawer by pulling on the drawer handle.
4 Remove the buffing wheel out of the machine.



5 Remove the brush by sliding it out.
6 Insert new brush.
7 Reinstall buffing wheel with label facing you.
8 It is recommended that you now clean your Elite 60™. (Please see pg. 15)



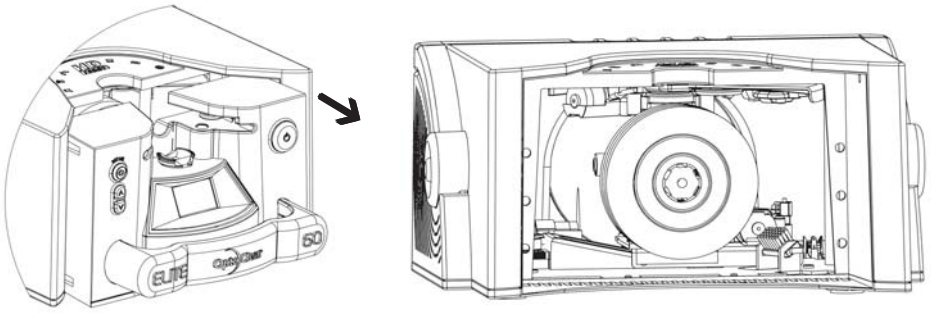
9 Install the front drawer. Note: Push front drawer completely into machine or your machine will not power on.
10 Plug in the Elite 60™ power cord and turn on the power.

FAILURE TO USE CONSUMABLES DESIGNED FOR THIS UNIT WILL CAUSE DAMAGE TO BOTH UNIT AND DISC THEREBY VOIDING YOUR WARRANTY. FOR AUTHORIZED DISTRIBUTORS VISIT WWW.VENMILL.COM.

Cleaning the Elite 60™

Recommended with every cartridge change.

1. Turn off power and wait for the shutter to completely open.
2. Unplug the Elite 60™ power cord.
3. Remove the front drawer by pulling on the drawer handle.
4. Remove any lint contained in the machine.
   You may use compressed air, a gentle vacuum, or your hand.



5. Install the front drawer. Note: Push front drawer completely into machine or your machine will not power on.
6. Plug in the Elite 60™ power cord and turn on the power.

Cleaning the Drive Wheel

This may be necessary if the Disc is spinning roughly or improperly during the cycle.

1. Ensure that there is no Disc in the Unit.
2. Enter the menu screen and select “CLN DRV”.*

   * This process will take less than 2 minutes.

Error Codes

1. **WHEEL CHG** – Change the buffing wheel
2. **CART CHG** – Change the OptoClear™ cartridge
3. **CART LOW** – Cartridge is below 10% capacity
4. **E0001** – Shutter not closed, contact technical support
5. **E0002** – Shutter not open, contact technical support
6. **E0003** – Buffing motor not centered, contact technical support
7. **E0004** – Lift wedge not in home position, contact technical support
8. **E0005** – Disc not turning - try cleaning the Drive Wheel
9. **E0006** – Cannot increase disc surface temperature sufficiently for repair.

WARRANTY: VenMill Industries, Inc. ("VenMill") warrants its Elite 60™ product against defects in materials and workmanship under normal use for a period beginning on the date of retail purchase (the "Purchase Date") by the original end-user purchaser (the "Purchaser") and ending on or upon the first to occur of (i) the first anniversary of the Purchase Date or (ii) two hundred (200) hours of product operation as measured by the product's internal usage tracking system ("Warranty Period"). If a product defect arises and a valid warranty claim is received by VenMill within the Warranty Period, at its option, VenMill will either (1) repair the defect at no charge, using new or refurbished replacement parts, (2) exchange the product with a new or refurbished functionally equivalent product, or (3) refund the purchase price of the product. A replacement product or part assumes the remaining warranty of the original product. When a defective product or part is exchanged, or a refund of the purchase price is given, the applicable defective product or part will become VenMill's property and returned to VenMill at VenMill's request.

WARRANTY EXCLUSIONS AND LIMITATIONS: This Limited Warranty applies only to Elite 60™ units manufactured by or for VenMill that can be identified by the "VenMill" trademark, trade name, or logo affixed to them and the unit serial number.

This Limited Warranty does not apply: (a) to damage caused by failure to follow care and usage instructions supplied with the product or improper maintenance; (b) to damage caused by accident, abuse, misuse, neglect, flood, fire, lightning, earthquake or other external or natural causes (such as electrical fluctuations or power failure); (c) to damage caused by operating the product outside the permitted or intended uses described by VenMill; (d) to damage caused by service, repair or product modifications performed by anyone not authorized by VenMill; (e) to damage sustained during shipment; (f) to a product or part that has been modified to significantly alter functionality or capability; (g) to consumable parts, unless damage has occurred due to a defect in materials or workmanship; (h) to a product with a defaced or removed VenMill serial number; (i) to a product offered for rental.

No VenMill reseller, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

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EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE EXTENT PERMITTED BY LAW, VENMILL IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, OR ANY INDIRECT OR CONSEQUENTIAL LOSS OR DAMAGE HOWSOEVER CAUSED INCLUDING THE REPLACEMENT OF EQUIPMENT AND PROPERTY. THE FOREGOING LIMITATION SHALL NOT APPLY TO DEATH OR PERSONAL INJURY CLAIMS.

FOR PURCHASERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. Some countries, states and provinces do not allow the exclusion or limitation of incidental or consequential damages or exclusions or limitations on the duration of implied warranties or conditions, so the above limitations or exclusions may not apply to the Purchaser. This warranty gives the Purchaser specific legal rights, and the Purchaser may also have other rights that vary by country, state or province. This Limited Warranty is governed by and construed under the laws of the country in which the product purchase took place.

OBTAINING WARRANTY SERVICE: To obtain warranty service for the Elite 60™ product, the Purchaser needs to contact regional distributor or if in North America VenMill Industries during the Warranty Period either by phone at 800.928.0090 or 866-864-0210 or by email to support@venmill.com. In order for VenMill to process a warranty claim, the Purchaser will need to provide to VenMill a copy of the dated sales receipt for the product, the Purchaser's name and address, the product serial number and a description of the problem. If the Purchaser's claim appears to meet the criteria for warranty service, the Purchaser will be given a return material authorization number (RMA). Upon the issuance of the RMA to the Purchaser, the Purchaser should bring or ship the product prepaid in the original container, with any associated accessories, to VenMill at the following address:

VenMill Industries, Inc.
RMA Number: (insert your RMA number here—see above)
660 Douglas Street
Uxbridge, MA 01569

or to such other address as a VenMill customer service representative may provide to the Purchaser.

It is recommended that the Purchaser insure any product shipped to VenMill.

SAVE ALL PACKING MATERIALS. FAILURE TO USE PACKAGING DESIGNED FOR THIS UNIT, MAY CAUSE DAMAGE TO THE UNIT AND WILL VOID WARRANTY.

FAILURE TO USE CONSUMABLES DESIGNED FOR THIS UNIT WILL CAUSE DAMAGE TO BOTH UNIT AND DISC THEREBY VOIDING YOUR WARRANTY. FOR AUTHORIZED DISTRIBUTORS VISIT WWW.VENMILL.COM.

FOR SUPPORT INFORMATION

www.venmill.com

or

508-278-0091

866-864-0210

TOLL FREE

FOR NON-NORTH AMERICAN SERVICE
PLEASE CALL YOUR REGIONAL DISTRIBUTOR
If uncertain please contact sales@venmill.com

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